2. (Original) The apparatus of claim 1, further comprising a white light source provided at said second end of said fiber optic cable.

3. (Original) The apparatus of claim 2, wherein said eyepiece can be focused.

4. (Original) The apparatus of claim 3, further comprising a switch for tuning the ultraviolet light source on and off.

5. (Original) The apparatus of claim 1, wherein said ultraviolet light source is a blue LED.

6. (Previously Presented) The apparatus of claim 5, wherein said eyepiece can be focused.

7. (Original) The apparatus of claim 6, further comprising a switch for turning the ultraviolet light source on and off.

8. (Previously Presented) A method of leak detection, comprising the steps of:

providing an eyepiece having an eyepiece lens connected to a source of ultraviolet light, wherein the eyepiece has a free end and the ultraviolet light source is connected to an end of a fiber optic cable;

illuminating an object with the ultraviolet light;

viewing the object through the eyepiece via a flexible viewing scope connected to another end of the fiber optic cable.

9. (Original) The method of claim 8, wherein said fiber optic cable is encased in an flexible housing.

10. (Original) The method of claim 9, further comprising the step of illuminating the object with a white light.

11. (Previously Presented) The method of claim 9, further comprising the step of adjusting the focus of the eyepiece.

12. (Original) The method of claim 8, wherein said ultraviolet light is generated by a blue LED.

13. (Original) The method of claim 12, wherein said fiber optic cable is encased in a flexible housing.

14. (Original) The method of claim 12, further comprising the step of illuminating the object with a white light.

15. (Previously Presented) A flexible viewing scope apparatus, comprising:

means for illuminating an object with an ultraviolet light;

an eyepiece having an eyepiece lens connected to the illuminating means, wherein the eyepiece has a free end and the illuminating means is connected to an end of the fiber optic cable;

means for viewing the object through the eyepiece having an eyepiece lens, said viewing means connected to another end of the fiber optic cable.

16. (Previously Presented) The apparatus of claim 15, wherein said fiber optic cable is encased in a flexible housing.

17. (Previously Presented) The apparatus of claim 16, further comprising means for illuminating the object with a white light.

18. (Previously Presented) The apparatus of claim 16, further comprising means for adjusting the focus of the eyepiece.

19. (Previously Presented) The apparatus of claim 15, wherein said ultraviolet light is generated by a blue LED.

20. (Previously Presented) The apparatus of claim 19, wherein said fiber optic cable is encased in a flexible housing.

21. (PreviouslyPresented) The apparatus of claim 15, wherein the viewing means is a flexible viewing scope.